

FLOOR TYPE REFRIGERATED CENTRIFUGE CEN23-25R



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CEN23-25R

These high quality floor type refrigerated and non-refrigerated centrifuges meet the requirements of your critical research needs such as High speed or high capacity. These centrifuges have advance features such as Auto-decapping of blood collection tubes, Electronic door interlock, Automatic rotor identification, Imbalance protection, Over speed, Over temperature protection, Self-diagnostic of error etc. and the various suitable rotors are available.

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge, Laboratory Tabletop Centrifuge.

CEN23-25R FLOOR TYPE REFRIGERATED CENTRIFUGE

LCD display

Brushless DC motor

Microprocessor controller

Inner chamber material: Stainless Steel

Electronic door interlock

Automatic rotor identification and Imbalance protection

Operating parameters can be modified during the operation

Memory of 12 programs

40 levels of acceleration and 40 levels of deceleration

Faults are diagnosed automatically

Over speed, Over temperature protection

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)

Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling

Low noise and very small vibration



SPECIFICATIONS

Model	CEN23-25R
Maximum Capacity (No of tubes x Vol.)	4x1000 ml
Temperature Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed RPM	25000
Speed Accuracy	± 10 rpm
Maximum RCF	64800xg
Timer Range	1~99 h 59 min, pulse
Temperature Increment	1°C
Acceleration Rate	40
Deceleration Rate	40
Drive System	Direct, high-performance induction motor drive
Rotor Locking System	Auto-Lock

Rotor Identification	Auto-ID Instant, Automatic
Overall Dimension	730x850x930 mm
Program	12 user-defined
Noise Level	≤ 65 dB(A)
Weight (Net/Gross)	280 kg
Power	5000 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-130V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description	RPM	RCF _{xg}	Capacity
LS52205	Fixed-Angle Rotor	16x10 ml	23000	56880xg	
LS52257	Swing-out Rotor	4x750 ml	5000	5600xg	
LS52335	Swing-out Rotor – Adapter	4x500 ml	5000	5600xg	
LS52348	Swing-out Rotor – Adapter	Falcon conical bottle	4500	3720xg	4x175/225 ml
LS52361	Swing-out Rotor – Adapter	4x250 ml Corning conical bottle or 4x200 ml Nunc™ bottle or 4x175 ml Nalgene™ conical bottle	4500	3720xg	
LS52374	Swing-out Rotor – Adapter	Blood collection tube	4500	3720xg	28x2-7 ml
LS52387	Swing-out Rotor – Adapter	Blood collection tube	4500	3720xg	36x8/10 ml
LS52400	Swing-out Rotor – Adapter	Blood collection tube	4500	3720xg	48x2-7 ml
LS52413	Swing-out Rotor – Adapter	Blood collection tube	4500	3720xg	64x2-7 ml
LS52426	Swing-out Rotor – Adapter	4x500 ml	4000	3400xg	
LS52439	Swing-out Rotor – Adapter	60x1.5/2.0 ml	4000	3400xg	
LS52452	Swing-out Rotor – Adapter	4x250 ml	4000	3400xg	
LS52465	Swing-out Rotor – Adapter	4x100 ml	4000	3400xg	
LS52478	Fixed-Angle Rotor	8x50 ml	21000	52360xg	
LS52595	Fixed-Angle Rotor	6x250 ml	12000	24110xg	
LS52634	Fixed-Angle Rotor	12x50 ml	14000	30070xg	
LS52673	Swing-out Rotor – Adapter	12x50 ml	4000	3400xg	
LS52699	Fixed-Angle Rotor	6x500 ml	10000	18590xg	
LS52712	Fixed-Angle Rotor	4x1000 ml	8000	12040xg	
LS52815	Swing-out Rotor – Adapter	36x15 ml	4000	3400xg	
LS54660	Fixed-Angle Rotor	24x1.5/2.0 ml	25000	64800xg	

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